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TRANSMITTAL STATEMENT UND	Attny. Docket No. 2002B170/2							
In Re Application of	In Re Application of: Palanisamy Arjunan, et al.							
U.S. Serial No. 10/667,586	Filing Date 09/22/03	Examiner Unassigned	Group Art Unit 1713					

IFW

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR § 1.97(b)

The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

37 CFR § 1.97(c)

The Information Disclosure Statement submitted herewith is being filed after three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); after three months of the date of entry of the national stage as set forth in § 1.491 in an international application; after the mailing of a first Office Action on the merits; or after the mailing of a first Office Action after the filing of a request for continued examination under § 1.114, but before the mailing date of:

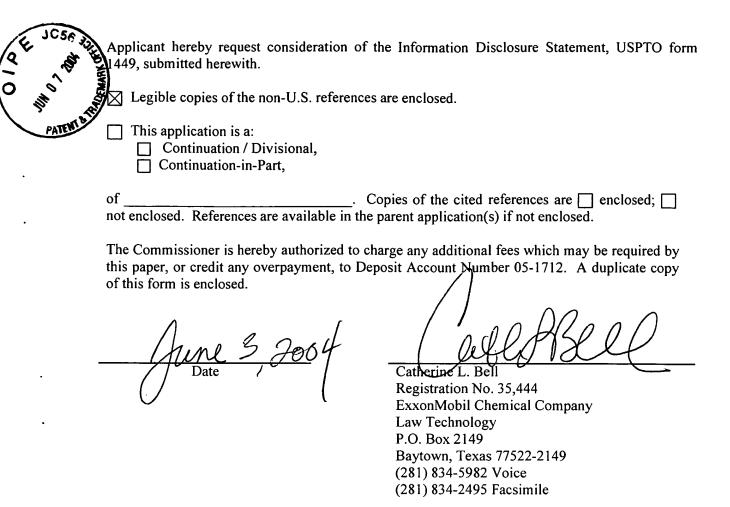
- 1. a Final Action under § 1.113,
- 2. a Notice of Allowance under § 1.311, or
- 3. an action that otherwise closes prosecution in the application,

and is accompanied by either:

the fee as set forth in § 1.17(p), or
the following statement under § 1.97(e)(1): each item of information contained in
the information disclosure statement was first cited in any communication from a
foreign patent office in a counterpart foreign application not more than three
months prior to the filing of the information disclosure statement.

37 CFR § 1.97(d)

The Information Disclosure Statement submitted herewith is being filed after a Final Action under § 1.113, a Notice of Allowance under § 1.311, or an action that otherwise closes prosecution in the application, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is the fee as set forth in § 1.17(p) and the following statement under 37 CFR § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.





INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.				
2002B170/2 10/667,586					
APPL	LICANT				
Palanisamy .	Arjunan, et al.				
FILING DATE	GROUP				
September 22, 2003	1713				

			U.S. PA	ATENT DOCUMENTS			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,153,553	04/11/39	Fawcett et al.	260	94	
	AB	2,852,501	09/16/58	W.R. Richard, Jr. et al	260	94.9	
	AC	3,294,772	12/27/66	J.E. Cottle	260	93.7	
	AD	3,725,378	04/03/73	Chamberlin	260	94.9R	
-	AE	4,135,044	01/16/79	Beals	526	64	
	AF	4,153,774	05/08/79	Boettcher et al.	526	352.2	
	AG	4,530,914	07/23/85	Ewen et al.	502	113	
	AH	4,794,004	12/27/88	Pfleger et al.	526	64	
	AI	4,962,262	10/09/90	Winter et al.	585	512	
	AJ	5,026,798	06/25/91	Canich	526	64	

FOREIGN PATENT DOCUMENTS DOCUMENT PUBL. TRANSLATION NUMBER COUNTRY DATE **CLASS SUBCLASS** YES NO C08F ΑK CA 2 103 694 02/09/94 Canada 004/654 AL CA 2 118 711 03/18/93 Canada C₀₈F 10/06 10/06 C₀₈F X **AM** DE 41 30 299 A1 03/18/93 Germany AN EP 0 129 368 B2 C08F 10/00 04/03/02 Europe C08F 10/06 AO EP 0 480 190 B1 04/15/92 Europe ΑP C08F 10/06 EP 0 603 232 B1 09/02/92 Europe

EXAMINER DATE CONSIDERED

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	AA	5,081,322	01/14/92	Winter et	al.	585	9		
	AB	5,084,534	01/28/92	Welborn,	Jr. et al.	526	160		
-	AC	5,096,867	03/17/92	Canich		502	103		
	AD	5,272,236	12/21/93	Lai et al.		526	348.5		
	AE	5,324,800	06/28/94	Welborn,	Jr. et al.	526	160		
	AF	5,326,835	07/05/94	Ahvenain	en et al.	526	64		
	AG	5,382,630	01/17/95	Stehling e	t al.	525	240		
	АН	5,382,631	01/17/95	Stehling e	t al.	525	240		
	AI	5,391,654	02/21/95	Ahvenain	en et al.	526	64		
	AJ	5,408,017	04/18/95	Turner et al.		526	134		
	AK	5,416,153	05/16/95	Winter et	al.	524	489		
			FOREIGN	PATENT DO	CUMENTS				
		DOCUMENT NUMBER	PUBL. DATE	cour	NTRY	CLASS	SUBCLASS	TRANSL	,
	AL	EP 0 846 696 A1	06/10/98	Europe		C07F	17/00	YES	NO
	AM	EP 0 987 279 A1	03/22/00	Europe		C08F	10/06		
	AN	EP 1 008 607 B1	12/17/03	Europe		C08F	210/06		
	AO	EP 1 195 391 A1	04/10/02	Europe		C08F	110/06		
	AP	JP 342 1202	04/28/98	Japan (w//	Abstract)	C08F	2/02	Х	
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	AA	5,652,308	07/29/97	Merrill et	al.	525	211		
·	AB	5,693,730	12/02/97	Kuber et a	al.	526	127		
•	AC	5,723,560	03/03/98	Canich		526	351		<u>, </u>
	AD	5,723,705	03/03/98	Herrmann	et al.	585	9		
	AE	5,756,608	05/26/98	Langhaus	er et al.	526	127		
	AF	5,840,644	11/24/98	Kuber et a	ıl.	502	117		
	AG	5,866,663	02/02/99	Brookhar	et al.	526	170		<u>_</u>
	AH	5,882,750	03/16/99	Mink et a	l.	428	35.7		
	AI	5,936,053	08/10/99	Fukuoka e	et al.	526	351		
	AJ	5,962,719	10/05/99	Winter et	al.	556	53		
	AK	5,965,674	10/12/99	Moen et a	1.	526	61		
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	AL	JP 1998-110003 A	04/28/98	Japan (w/	Abstract)	C08F	2/02		
	AM	JP 96-208535	02/17/98	Japan (w/	Abstract)	C07C	B01J		
	AN	JP 0-216916 A	09/08/97	Japan (w/.	Abstract)	C08F	210/16		
,	AO	WO 88/04672 A1	06/30/88	РСТ		C08F	210/02		
	AP	WO 92/14766 A1	09/03/92	PCT		C08F	6/02		
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	AA	WO 02/070572 A2	09/12/02	PCT		C08F	210/16		
•	AB	WO 02/090399 A1	11/14/02	PCT		C08F	210/06		
	AC	WO 02/50145 A1	06/27/02	PCT	<u> : </u>	C08F	236/02		
*	(OTHER DISCLOSUR	ES (Including A	Author, Title, I	Date, Pertinent	Pages of Publi	cation, Etc.)	•	
	AD	Abstract, P. Lehr conditions", and 17-20 June, 2002	list of poster	s, 1st BlueS	<i>-PP produc</i> Sky Confere	ed under sup nce on Catal	percritical poly lytic Olefin Po	<i>ymerizatio</i> olymeriza	on tion,
	AE	Abstract, Boreali conditions", 1st I Sorrento, Italy (2	BlueSky Con	ns, Lofgren aference on	et al., "Meta Catalytic O	allocene-PP lefin Polyme	<i>produced und</i> crization, June	ler superc 17-20, 20	ritical 002,
	AF	Abstract, Zowad Polypropylene",	e et al., PL 1: 09/01/89	59518, "Ma	nufacturing	g Low-molec	ular-weight Is	otactic	
	AG	Their Performan	Alt, H.G. ET AL., "Effect of the Nature of Metallocene Complexes of Group IV Metals on Their Performance in Catalytic Ethylene and Propylene Polymerization", Chem. Rev. 100, 2000, pp. 1205-1221						on 00,
	АН	Akimoto, A., et al., "New Developments in the Production of Metallocene LLDPE by High Pressure Polymerization", Tosoh Corp., Metallocene-Based Polyolefins 2000 (conference proceedings), pp. 287-308 (John Wiley & Sons Ltd.)							
	AI	Barnhart, R.W.et Homogeneous M	t al., "Synthes Tetallocene M	sis of Branc limics", J. 1	hed Polyole Am. Chem.	efins Using a Soc. 1998, V	Combination Ol. 120, pp.	of 1082-1083	3
	AJ	Bergemann, C., R. et al., "Copolymerization of Ethylene and 1,5-hexadiene under High Pressure Catalyzed by a Metallocene", J. Mol. Catal. A: Chemical 116, 1997, pp. 317-322 (Elsevier)							
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		OTHER DISCLOSURES (Including Author, Title, D	Date, Pertinent Pages of Public	cation, Etc.)				
	AA	Bergemann, C., R. et al., "Copolymert Metallocene Catalyst System under H 1-Butene, 1-Hexene, and 1-Decene", (Elsevier)	ization of Ethylene and igh Pressure, Part II. I. Mol. Catal. A: Chen	d Linear α-Olefins with a Comparison of Propene, nical 105, 1996, pp. 87-91				
	AB	Britovsek, G.J.P. et al., "The Search for I Beyond Metallocenes", Chemie Intl. Edn	New-Generation Olefin 1 ., 1999, Vol. 38, pp. 428	Polymerization Catalysts: Life -447				
•	AC	Bujadoux, G.K., "Use of Bridged and Pressure/High Temperature Ethylene, Intl. Congr, Metallocene Polym. 1995	Non-Bridged Metallo α-Olefin Copolymeriz , pp. 375-402, Schotla	cene Catalysts in High cation", Metallocenes 95 and Bus. Rsrch. Publ.				
	AD	Chen, E. Y-X. et al., "Cocatalysts for Metal-Catalyzed Olefin Polymerization: Activators, Activation Processes, and Structure-Activity Relationships", Chem. Rev. 2000, Vol. 100, pp. 1391-1434						
	AE	Coates, G.W., "Precise Control of Polyol Catalysts", Chem. Rev. 100, 2000, pp. 12	lefin Stereochemistry Us 23-1252,	ing Single Site Metal				
	AF	Cottom, W.P., "Waxes", in Encyclo. Che	m. Tech., Vol. 25, pp. 6	14-626, Fourth edition				
	AG	Eckstein A. et al., "Determination of Plan Isotactic, Syndiotactic, and Atactic Polyp Macromolecules 31, 1998, pp. 1335-1340	propylenes Synthesized v	lement Molecular Weights of with Metallocene Catalysts",				
	АН	Ewen, J.A. et al., "Syndiospecific Propyle Am. Chem. Soc., 1988, Vol. 110, pp. 625		h Group 4 Metallocenes", J.				
	AI	Gotz, C. et al., "MAO-Free Metallocene Based Catalysts in High Pressure Polymeriszation of Ethylene and 1-Hexene", Chem. Eng. Technol., 21, 1998, pp. 954-957 (Wiley-VCH Verlag GmbH)						
	AJ	Hauptman, E. et al., "Stereoblock Polypropylene: Ligand Effects on the stereospecificity of 2-Arylindene Zirconocene Catalysts", J. Am. Chem. Soc. 1995, Vol. 117, pp. 11586-11587						
	AK	Ittel, S.D. et al., "Late Metal Catalysts for Ethylene Homo- and Copolymerization", Chem. Rev. 2000, Vol. 100, pp. 1169-1203						
	AL	Janiak, C.; "Metallocene Catalysts for Olefin Polymerization", Metallocenes: Synthesis, Reactivity, and Applications, Vol. 2, Wiley-VCH, 1998, pp. 547-614, A. Togni and R.L. Halterman, editors						
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	AA	Luft, G., "Development of Metallocen Pressure Polymerisation Process", (D World Congress Global Technology U Switzerland	e Catalysts and their A Parmstadt University of Update Forum, March	Application in the High f Technology), PE '99, 15, 16, 1999, Zurich,			
.•	AB	Resconi, L. et al., "Selectivity in Propent Rev. 2000, Vol. 100, pp. 1253-1345	e Polymerization with M	detallocene Catalysts", Chem.			
•	AC	Schaverien, C.J. et al., "Ethylene Bis(2-in Metallocenes for the (Co)Polymerization 16, pp. 3436-3452, (ACI, Columbus, Oh	adenyl) Zirconocenes: A of α-Olefins", Organon io), Aug. 2001	New Class of Diastereomeric netallics 2001, Vol. 20, No.			
	AD	Scollard, J.D. et al., "Polymerization of a Titanium", Macromolecules, 1996, Vol. 2	x-Olefins by Chelating L 29, pp. 5241-5243	Diamide Complexes of			
	AE	Smith, B.D. et al., "Thermodynamic Data Ketones Physical Sciences Data", Vol. 25	a for Pure Compounds P 5, Elsevier, New York, 1	Part A, Hydrocarbons and 986, pp. 308-309.			
	AF	Stephenson et al., "Handbook of the Ther Science Publ. NY, p. 75	modynamics of Organic	Compounds", Elsevier			
	AG	Stratton, A.W., "Waxes", in Encyclo. PolyEdition	ymer Science and Eng.,	Vol. 17, pp. 784-795, Second			
	АН	Suzuki, N. et al., "Olefin Polymerization High Pressure: Formation Of Superhigh 2000, Vol. 33, No. 3, pp. 754-759	Using Highly Congested Molecular Weight Polyd	d Ansa-Metallocenes Under olefins", Macromolecules,			
	ΑI	Yano, A., et al., "Homo- and Copolymerization of Ethylene at High Temperature with Cationic Zirconocene Catalysts", Macromol. Chem. Phys. 200, No. 4, pp. 917-923 (Wiley-VCH Verlag GmbH, 1999)					
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	AL	USSN 10/667,585, filed 9/22/03, entitled "Polymer Production at Supercritical Conditions", by Patrick Brant, et al.					
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